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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/525,844

02/25/2005

Akiyuki Noda

56937-151

9899

20277 7590 11/17/2009
MCDERMOTT WILL & EMERY LLP
600 13TH STREET, N.W.
WASHINGTON, DC 20005-3096

EXAMINER

HASAN, SYED Y

ART UNIT

PAPER NUMBER

2621

MAIL DATE

DELIVERY MODE

11/17/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Allowability	Application No.	Applicant(s)	
	10/525,844	NODA ET AL.	
	Examiner	Art Unit	
	SYED Y. HASAN	2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9 September 2009.
2. ☒ The allowed claim(s) is/are 6 (renumbered 1).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|--|--|

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621

DETAILED ACTION

Examiners Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The abstract presented with this instant application does not meet the requirements of MPEP 608.01 (b), item C. Language and Format. MPEP states that "The abstract should be in narrative form and generally limited to a single paragraph within the range of 50 to 150 words."

The application has been amended as follows:

The revised abstract is as the following:

A video signal recording apparatus with a video and audio memorizing section for temporarily memorizing an inputted video audio signal, a time code generating section for generating a time-code of said video audio signal an auxiliary information memorizing section for temporarily memorizing auxiliary information appended to said video audio signal including said time code generating a regeneration value obtained from a time code to which one frame time is added to said recorded time code when a recording starts and correcting said regeneration value for an amount of delay corresponding to a storage volume temporarily memorized in said auxiliary information (time code, metadata, CUE audio signal, and the like) memorizing section and thus obtaining a corrected time code, and thereafter sequential time codes

are generated from said corrected time code though said time code generating section.

Allowable Subject Matter

2. Claim 6 (renumbered 1) is allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:

The present invention of claim 6 is directed to a video signal recording apparatus comprising: a video and audio memorizing section for temporarily memorizing an inputted video audio signal, a time code generating section for generating a timecode of said video audio signal an auxiliary information memorizing section for temporarily memorizing auxiliary information appended to said video audio signal including said time code.

Independent claim 6 identifies the unique distinct feature "generating a regeneration value obtained from a time code to which one frame time is added to said recorded time code when a recording starts and correcting said regeneration value for an amount of delay corresponding to a storage volume temporarily memorized in said auxiliary information memorizing section and thus obtaining a corrected time code, and thereafter sequential time codes are generated from said corrected time code though said time code generating section."

The combination of prior arts Moe (US 5345430), Yoshida et al (US 6115202), Kouyama et al (US 4618890), Naoya (JP 11205725 A) and Toyoshima et al (JP 04252484 A) disclose a video signal recording apparatus a video and audio memorizing section for temporarily memorizing an inputted video audio signal, a time code generating section for generating a timecode of said video audio signal , an auxiliary information memorizing section for temporarily memorizing auxiliary information

appended to said video audio signal including said time code, a recording/reproduction section for recording sequentially a video audio signal read from said video audio memorizing section and auxiliary information read from said auxiliary information memorizing section on a recording medium and reproducing said video audio signal and auxiliary information recorded thereon and a controlling section for: controlling write and read operations of said video audio signal with respect to said video and audio memorizing section, controlling write and read operations of said auxiliary information with respect to said auxiliary information memorizing section and write and read operations of said auxiliary information with respect to said recording/reproduction section, storing said video audio signals equivalent to a time length equal to or exceeding an amount of time required from a time point when a recording-start request with respect to the recording medium is made until the recording actually starts with respect to the recording medium to said video and audio memorizing section and thereby delay to record on said recording medium, storing said auxiliary information appended to said video audio signals for a time period equal to the delay of said video audio signals to said auxiliary information memorizing section and thereby delay to record on said recording medium, reproducing a time code which is included in an auxiliary information recorded previously and located immediately before a recording starting point where said recording/reproduction section starts to record next on said recording medium to maintain as a recorded time code and replacing sequentially said time codes in said auxiliary information out-putted ROM said auxiliary information memorizing section with time codes in series starting from said regeneration value and thereby recording on said recording medium as a new auxiliary information. However the combination of prior arts Moe, Yoshida et al, Kouyama et al, Naoya and Toyoshima et al fails to anticipate or render the above mentioned underlined limitations obvious.

Therefore, claim 6 is allowed over prior art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SYED Y. HASAN whose telephone number is (571)270-1082. The examiner can normally be reached on 9/8/5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. Y. H./
11/04/2009

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621